

UNITED STATES PATENT AND TRADEMARK OFFICE
CERTIFICATE OF CORRECTION

PATENT NO. : 6,900,370 B2
APPLICATION NO. : 09/749601
DATED : May 31, 2005
INVENTOR(S) : Nicholas C. Nicolaides et al.

Page 1 of 4

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

The drawing sheet, consisting of Fig. 1, should be deleted to be replaced with the drawing sheet, consisting of Figs. 1A, 1B, 1C, as shown on the attached pages.

In Column 2, Line 60:

Please delete "SEQ ID NO: 14" and insert -- SEQ ID NO: 12 --.

In Column 2, Line 63:

Please delete "SEQ ID NO: 16" and insert -- SEQ ID NO: 14 --.

In Column 2, Line 67:

Please delete "SEQ ID NO: 14" and insert -- SEQ ID NO: 12 --.

In Column 3, Line 3:

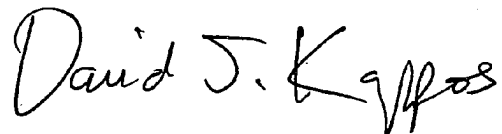
Please delete "SEQ ID NO: 16" and insert -- SEQ ID NO: 14 --.

In Column 3, Line 16:

Please delete "Fig. 1" and insert -- Fig 1A, Fig 1B and Fig 1C.--.

Signed and Sealed this

Seventeenth Day of November, 2009

A handwritten signature in black ink, reading "David J. Kappos". The signature is written in a cursive, flowing style with a large initial 'D' and 'K'.

David J. Kappos
Director of the United States Patent and Trademark Office

Figure 1A

Figure 1B

U.S. Patent

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humPMS2 (2295) CGG GAG GAC TTT ACG TTT TGGGCTT TAA TATTT TTTG AAC TGT TAA TGTG TTT
AtPMS2 (1920) GAG ACC GGT TTT TTT CCGGTTT TAC TTT TACGAC TATTT TTA TTT CCGGATATC TTT
Consensus (2311) AT AA TGCTCC TC C GAAA CT A ACT CC T CC TAG AA AA ACCT
2381 2450

humPMS2 (2333) TCT ACC CCG CCG CGGT TAA TCT TCT TGT GAG C TACG CTT TTT TTTT TATC TTT
AtPMS2 (1988) TTT TGT TGA TTT TAA TCT TAA TCT TCT TCT TCT TCT TCT TCT TCT TCT TCT TCT
Consensus (2381) T GGA C A GA T A GA CTGAPCT A CT G GA A CC TGGGG TC TGC G
2451 2520

humPMS2 (2393) TTT TCT TCT TCT TCT TCT TCT TCT TCT TCT TCT TCT TCT TCT TCT TCT TCT
AtPMS2 (2058) TAGCTACAAAACGACAAAACAGATTGATTTGT TTT TTT TTT TTT TTT TTT TTT TTT TTT TTT
Consensus (2451) CC TC CGAGTC ATG T GC TCC GAGC
2521 2590

humPMS2 (2434) TCT GAAG CTT TCT TCT TCT TCT TCT TCT TCT TCT TCT TCT TCT TCT TCT
AtPMS2 (2128) TCT ATCA TTT TCT TCT TCT TCT TCT TCT TCT TCT TCT TCT TCT TCT TCT
Consensus (2521) TGC G TC GTGATGAT GG T C CT A A AA CGA ATG ACAA T T CAC TGG
2591 2660

humPMS2 (2504) GGT GAG GGT CCACT CTT TCT TCT TCT TCT TCT TCT TCT TCT TCT TCT TCT
AtPMS2 (2198) CATTCTCTATCT TTT TTT TTT TTT TTT TTT TTT TTT TTT TTT TTT TTT TTT
Consensus (2591) GA T CA CC TGCAA TG CC CA GGA G CCAAC ATG G CA T G AC TG
2661 2730

humPMS2 (2574) TAT TTT TTT TTT TTT TTT TTT TTT TTT TTT TTT TTT TTT TTT TTT
AtPMS2 (2267) TTT TTT TTT TTT TTT TTT TTT TTT TTT TTT TTT TTT TTT TTT TTT
Consensus (2661) C TT CTC A
2731 2800

humPMS2 (2587) TTT TTT TTT TTT TTT TTT TTT TTT TTT TTT TTT TTT TTT TTT TTT
AtPMS2 (2337) ATGA
Consensus (2731)

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Figure 1C